

OUR PIANOS

NOT ALL NAME

Some pianos are well known because they are well advertised, but do not prove all that is claimed for them.

Others are well known for the same reason, plus thousands of satisfied owners who are always ready to praise the fine qualities of their instruments.

OUR PIANOS ARE THE LATTER KIND.

A large shipment of new styles in all our popular makes just received, which we will be glad to show you.

'The House of Quality'
G. W. BAKER.

MEAT SPECIAL

For Saturday we will sell
Boiling Meat 5c
Pot Roast 8c
Porterhouse Roast 10c
Everything guaranteed first class. Prompt service.

Merkle's Model Meat Market
140 S. Main St.

Clothing at your own price.

We are crowded too much, and have decided to clean out our Men's and Boy's clothing. Come in and pick them out. Take them home, and look them over, if not satisfactory, bring them back and get pay for your trouble.

We Must Make Room For Stock Of Shoes Coming In.

I. M. Hayfer

CONKEY'S Poultry Remedies,

the best made, a full line. Also feed of all kinds.

— THE —
Marion Milling & Grain Co.

PHONE 28.

MAKE YOUR APPEAL

to the public through the columns of this paper. With every issue it carries its message into the homes and lives of the people. Your competitor has his store news in this issue. Why don't you have yours? Don't blame the people for flocking to his store. They know what he has.

TIGHT COOPERAGE INDUSTRY STRUGGLING FOR AN EXISTENCE

It is Having Great Difficulty in Meeting the Demands of the Trade and the Necessary Timber is Eagerly Sought After by Strong Rivals.

The tight cooperage industry is now going through an interesting struggle for existence. It is having more and more difficulty in meeting the demands of trade and the supply of timber necessary for its permanence is not only being rapidly depleted, but is eagerly sought after by strong rivals.

Industries and trades, like species of plants and animals, thrive when conditions are favorable, struggle for existence when conditions are adverse, and finally die or survive according to their ability to adapt themselves to new conditions. The enormous resources of the United States have offered almost unsurpassed opportunities for industries to thrive, but during the last fifty years important economic changes have gone on, and now some of the industries which have prospered in the past have reached or are rapidly approaching a point where they must struggle for very life this is especially true of certain industries which depend upon the hardwood supply of the country.

The term "tight cooperage" is applied very generally to all wooden, hoop-bound packages made to contain liquids as contrasted with "slack cooperage" which is intended for solids. The term is descriptive of the character of the package, which must be constructed with close fitting tight joints to prevent the escape of liquid contents. To secure such results the selection of high grade material and exactness in the manufacture of the component parts of the package are necessary.

The use of tight cooperage dates back to the earliest records, apparently having been always an indispensable accessory to commerce and transportation. In the United States one of the earliest uses of the forest resources was the employment of white oak for staves. Even at that period there was a dearth of cooperage oak in Europe and the discovery of a new source of supply was welcomed.

Tight packages are employed chiefly as containers of alcoholic spirits and liquors; cottonseed, petroleum, and other oils; turpentine; pork, lard, and other packing house products; cider and vinegar; syrups and molasses; paints and lead, and fish. Of these the oil trade consumes by far the largest number, in spite of the fact that an enormous quantity of oil is stored and transported in tanks. The number of new barrels required annually for oil is about 7 million. Alcoholic fluids rank next with approximately 5 million. Of the remainder, the pork package is the most important.

Tight packages have two distinct uses: Transportation and storage. The former is the most important from the standpoint of widest utility, while the latter is indispensable for some commodities. For the transportation of liquids and delivery in the original package in but a few cases does any form of container excel a barrel or keg of wood. The exception is when undue loss occurs, as with gasoline and allied products from evaporation and absorption.

The barrel has special advantages over the other forms of container for transportation in that in that it is light, yet strong; is easily and quickly handled, and unlike metal, it does not offer a surface that will be attacked by acids shipped in it. The low cost of the package allows it to be discarded at its destination, thereby saving return transportation on the empty package. Packages used for storage must also be immune to the attack of acids and be free from odors and other properties that may affect the substances contained. Briefly speaking, the physical properties necessary for tight cooperage are as follows:

Strength, toughness, flexibility, small absorptive power, closeness of grain, nonwarping and non-checking tendencies; absolute freedom from such defects as will cause leakage; reasonable resistance to decay; absence of active agents which may impart undesirable color, taste, or odor to the contents. The last requirement of course, applies chiefly to packages for use as a container of provisions, such as syrups, lard, pork, etc.

White oak combines all of these properties in an admirable way and furnishes nearly 90 per cent of all tight cooperage stock; the remainder is made up of red oak, chestnut oak, red gum, cypress, spruce, white ash, elm, basswood, birch and Douglas fir. No material ex-

cept white oak has proven satisfactory for the aging of alcoholic beverages dependent upon the action of the wood to improve their quality, but for all other cooperage, including beer and ale, substitution of other woods or materials is possible, though not necessarily economical at present.

Those who have investigated the reason why white oak containers assist the aging of alcoholic beverages say that the tannic acid in the oak is ascribed by the liquor and enters into its composition. The effect of this and possibly other acids, of which little is known, is to impart to the liquor a mild, delicate flavor in place of the rank unpleasant one characteristic of unaged liquors, and, in addition, to transform the color from a water white to a deep brown amber. Attempts to age liquors in packages of other woods have been made and always with one result total failure. Packages for this purpose require the highest grade of tight cooperage and have no lining or coating but the inner surface is charred, which it is claimed, draws the tannic acid to the inner surface of the package where it comes in immediate contact with the contents.

Such commodities as oils, packing house products, cider, vinegar, paints, beer and ale, turpentine, syrups and many others are in no way dependent for their improvement upon any chemical action or agent in the wood. On the contrary, it is the inactivity of whatever agent may be in the wood that is sought. It is for this class of commodities that the other woods and materials mentioned may be used.

A brief enumeration of some of the difficulties encountered in the manufacture and use of several of the woods mentioned above will furnish a basis for future investigations. Red oak is a little more difficult to manufacture into staves than white oak, and is also heavier and therefore more expensive to handle. It runs very unsound and so gives a larger percentage of poor material. Being very open grained, it is also liable to leak unless sawed straight. Finally, the market value of red oak for lumber is so nearly equal to that of white oak that there is little if any economy in the substitution. Chestnut oak offers about the same difficulties except in the matter of leakage, its grain being similar to that of white oak.

Red gum, although used in considerable quantities, is far from an ideal wood for tight barrel staves and headings. The abundance of this species and the relatively low stumpage value, compared with oak, explains the use it has found as a tight cooperage wood. It has the advantage of being light and of cutting easily. On the other hand, the percentage of poor material runs very high, and unusual care in seasoning the stock is necessary. The sap is said to impart an unpleasant flavor to some commodities, syrups for example, and the wood being soft is easily bruised and often broken in transportation.

Cypress is a satisfactory wood for while no experiments are on record to determine whether it would make a satisfactory package for oil and other liquids, the wood is so light and soft that there is little reason to believe that it would. Its value for lumber, if for no other reason, precludes its substitution for oak.

The other woods mentioned are used in very small quantities and for special purposes for which they have been found to be well adapted. For example, ash is the most satisfactory wood found up to the present time for butter tubs, chiefly because it imparts no odor to the butter. Spruce for a similar reason serves well for fish packages.

To overcome those difficulties various lines of experiments are being carried on. The problem of a satisfactory lining to be used in connection with the porous woods has been much studied, and now several more or less efficient compounds are extensively employed, each designed to meet the requirements of liquids of various compositions. One widely used is silicate of soda Na₂ Si₃, called water glass. This compound is applied hot and in liquid state to the inside of the package. When it cools it hardens and forms an impervious glazed surface. It is used for oil and packing house product chiefly. Glue is extensively employed for alcoholic packages which must withstand high pres-

Charcoal Stops Gas On Your Stomach

Wonderful Absorbing Power of Charcoal When Taken in the Form of Stuart's Charcoal Lozenges.

Trial Packages Sent Free.

Charcoal, pure, simple charcoal, absorbs 100 times its own volume of gas. Where does the gas go to? It is just absorbed by the charcoal—the gas disappears and there is left a pure, fresh, sweet atmosphere, free from all impurities and germs.

That's what happens in your stomach when you take one or two of Stuart's Charcoal Lozenges, the most powerful purifiers science has yet discovered.

You belch gas in company, sometimes, by accident, greatly to your own humiliation. That is because there is a great amount of gas being formed in your stomach by fermenting food. Your stomach is not digesting your food properly. Gas is inevitable. Whenever this happens, just take one or two of Stuart's Charcoal Lozenges right after eating, and you will be surprised how quickly they will act. No more belching; no more sour risings. Eat all you want and what you want, and then if there is any gas going to be formed one of these wonderful little absorbers, a Stuart Charcoal Lozenge, will take care of all the gas.

And it will do more than that. Every particle of impurity in your stomach and intestines is going to be carried away by charcoal. No one seems to know why it does this, but it does, and does it wonderfully. You notice the difference in your appetite, general good feeling, and in the purity of your blood right away.

You'll have no more bad taste in your mouth or bad breath, either from drinking or eating or smoking. Other people will notice your bad breath quicker than you will your own. Make your breath pure, fresh, and sweet, so when you talk to others, you won't disgust them. Just one or two Stuart Charcoal Lozenges will make your breath sweet, and make you feel better all over for it. You can eat all the onions and odorous foods you want and no one can tell the difference.

Besides, charcoal is the best laxative known. You can take a whole boxful and no harm will result. It is a wonderfully easy regulator. And then, too, it filters your blood—every particle of poison or impurity in your blood is destroyed, and you begin to notice the difference in your face first thing—your clear complexion.

Stuart's Charcoal Lozenges are made from pure willow charcoal, and just a little honey is put in to make them palatable, but not too sweet. They will work wonders in your stomach, and make you feel fine and fresh. Your blood and breath will be purified.

We want to prove all this to you, so just send for a free sample today. Then after you get it and use it, you will like them so well that you will go to your druggist and get a 25c box of these Stuart's Charcoal Lozenges.

Send us your name and address today and we will at once send you by mail a sample package free. Address F. A. Stuart Co., 200 Stuart

avenue, and is very effective. It can not be used for any commodity containing water, since the water absorbs the glue, Beer and ale packages are lined with a composition having pitch for its base. Various patented compounds are also on the market for this purpose.

The substitution of other substances for woods, metals for example, is being tried. Considerable work of this kind has been done and in certain lines it has been attended with success. Tank cars for shipping are largely used, yet many thousands of wooden packages are still required annually. For storage and shipment of alcoholic liquors or any commodity containing an acid or other agent which attacks metal, the use of such a package is impracticable. On the other hand, for shipping gasoline and allied products, as well as alcohol, the steel drum or steel barrel serves notably well since evaporation and absorption is effectively prevented. However, the initial cost of such packages is large; their weight materially increases transportation charges and they must be returned, thus increasing these charges. Porcelain-lined tanks are being experimented with as substitutes for the immense wooden ones used in breweries, but the initial cost is large and a small defect in the porcelain lining may cause the ruin of the entire contents of the package.

For beer and ale, which require no aging in wood, glass bottles have been employed as a substitute for white oak kegs and barrels, and their steadily increasing use is proving their worth.

Briefly then, these are the conditions in the tight cooperage industry: White oak, the favorite material, is rapidly being exhausted and the future of the industry depends upon its ability to utilize

new woods or find satisfactory substitutes for wood. This condition is typical of practically all of the hardwood-using industries; all are trying to find new regions from which to replenish their supply of standard materials. Substitutes are also being eagerly sought. Some of the industries are successfully accommodating themselves to the new conditions, but unless steps are taken to produce as much material as is consumed some of the hardwood-using industries will not survive and trades which have flourished for years will become extinct.

RAISE IN SALARIES SURE

Council Will Hold a Caucus Monday Afternoon.

IMPORTANT MATTERS

Will Also be Discussed at the Gabfest.

The Distribution of the City's Money Among the Banks of the City Will be up for Discussion.

The city council will hold a caucus Monday afternoon, for the purpose of considering raises in the salaries of different city officials and to take up other matters of importance which must be disposed of before the close of the year. Just what will be done in the matter of salary increases is a matter of conjecture. It is practically certain that the salary of the mayor will be raised to \$1,200 a year, and there is a probability that the salaries of the service board members will be increased to \$400 a year.

The real matter of importance in this connection, however, is to determine what shall be the duties of the city treasury and what his compensation shall be. It is almost certain that the city money will be set out at competitive bids beginning with January 1.

Tea Baths for Eyes.

Few practices are more beneficial to the condition of the eyes than is that of bathing them regularly every night before going to bed. Just ready accumulated on the lids between eye-lashes and makes them smart, an excellent method of cleaning them being the old-fashioned one of dabbing the lids with a piece of cotton wool dipped in cold weak tea.

CHECKS CASHED IN SILVER DOLLARS

One Man Carries 300 From a Local Bank.

Peddles the Coin About the City Until He Gets Currency for Every Dollar.

The financial conditions over the country have produced a number of peculiar incidents and one that happened here Friday afternoon is worth the telling.

A young man was sent over here by a Kanton bank to collect the currency on two checks, one for \$25 and the other for \$250. He went in to a local bank and asked for the cash. The banker paid him in silver dollars and when the young man went out of the bank he carried a sack full of dollars that from all appearance might have been hickory nuts.

He then went about the business houses getting his money changed into bank notes until he had all but ten dollars in paper. He then returned to the bank with the ten silver dollars and asked for that amount of paper in exchange for the silver. Without cracking a smile the cashier handed him out ten one dollar bills.

TRY ADMIRAL COFFEE.

The Christmas Season

With all its good time of gift-giving, is nearly here. The old problem, "What to Give," faces you again, and as a practical help in choosing your gifts would suggest something worth while. In fact, nothing would be more acceptable than a fine gold watch for lady or gentlemen, therefore, you'll find it more convenient to do your trading now, as we lay them aside and engrave them free.

G. W. BOWERS
Jeweler Optician.

REV. B. C. PIATT WILL LECTURE

Signs With American Lyceum Union.

PLANS TO BEGIN WORK

At the Opening of the Chautauqua Season.

During the Winter Months the Local Minister will Lecture Independent of Any Bureau.

Rev. Byron C. Piatt, the aggressive young pastor of the Central Christian church, is to go on the lecture platform. He has signed a contract with the American Lyceum Union, one of the leading lecture and entertainment bureaus of the country, and will begin his work as a lecturer next summer at the opening of the Chautauqua season.

Just what Rev. Piatt's plans are in regard to his future connection with the ministry he is unable to state. He will remain in Marion at least until next summer. During the winter he will not lecture under the direction of the Lyceum Union, but expects to fill a number of engagements independent of any bureau.

In an attractive folder which the Lyceum Union has issued, announcing Rev. Mr. Piatt as a lecturer, there is printed a communication which the local ministers received from Upton Sinclair, made famous by his book, "The Jungle." Mr. Sinclair writes regarding one of Rev. Mr. Piatt's lectures as follows:

"Dear Comrade: 'The Mass Against the Man' is a splendid lecture, well thought, well expressed, and full of go. I wish you all success with it, Upton Sinclair."

Besides the lecture, 'The Mass Against the Man,' Rev. Mr. Piatt has another on 'American Morals.' The folder announces that this lecture is 'A straight, steady look into the immortal questions of moral good and evil with its bearings upon our national destiny.' In regard to the lecture 'The Mass Against the Man' the management states, 'A sane but searching inquiry into the social unrest of our time, with its bearings upon the industrial problem.'

The folder gives a sketch of Rev. Mr. Piatt and his ancestry, dwelling to considerable length on his forcefulness as a speaker. The management says 'The lecture-going public has been waiting for the man and his message. We predict for Mr. Piatt an enthusiastic reception and, in a short time, a place second to none on the Lyceum platform.'

Cling Steadfastly to One Idea.

All human giants have been self-assertive, self-reliant men, who dared to be singular, who did not mind the laughs and taunts and jeers and gibes of the crowds, but held on to one idea, nurtured it, cared for it, cultivated it until from it they reaped success.

SAYS COUNCIL CAN NOT INTERFERE

Ten Dollar Deposit Out of Its Jurisdiction.

The Matter Will Come up in Council Meeting Monday Evening.

Superintendent Mickle of the Marion Gas company is of the opinion that the city council can not prevent his company from requiring a \$10 deposit from all non-property owners who want to use gas. In a conversation with some of the city officials, he has stated that a court ruling was recently given at Newark to the effect that the gas companies have a right to require a deposit to protect their own interests. The case at Newark was almost an exact parallel of the case here.

When some of the citizens complained at the last council meeting about having been compelled to pay a deposit, the matter was referred to the street light and gas committee and the city solicitor. At that time, members of the council expressed the belief that the company had no right to follow such a procedure. Some action will likely be taken at the meeting, Monday night.

TRY ADMIRAL COFFEE.

SMART & WADDELL'S
SHOE & WEAR



THANKSGIVING

Foot-dressing well done at

SMART & WADDELL

BARGAINS IN ORANGES

We will sell oranges at about half the regular prices. We will sell Saturday a nice orange at 20cts Per Dozen. You will pay 35cts elsewhere. Try them.

Robinson's Grocery

Phones 39. 209 E. Center St. Agency for Liptons Teas.

We Plan Your Home

Don't make the mistake of building a home without proper plans to make it a convenient home. A few dollars spent for plans is worth hundreds of dollars after it is finished. We only charge a small fee.

South Side Building Co.
COUNTY PHONE 1521

CHAS. TURNER & CO.

Good things to Eat at Turner's New York Cream cheese, the best Swiss cheese in Marion, Neuchatel cheese, Philadelphia Cream cheese, Edam cheese, Roquefort cheese, MacClarens cream in jars, Spinach, Radishes, Endive curly Lettuce, fine eating apples, good Oranges, Grape fruit.

Prompt delivery, good goods and satisfaction guaranteed.

CHAS. TURNER & CO

Gift Jewelry

We have many beautiful things, very suitable for birthday or wedding gifts. Our line of watches are unsurpassed at the low prices we can name you. We want you to see them.

J. B. Ovens
New West End Jeweler.